Philips 7900 series
Ultra Slim 4K UHD TV
powered by Android™
with Ambilight 2-sided and
Pixel Precise Ultra HD

139 cm (55")
4K Ultra HD LED TV
Quad Core
Twin Tuner DVB-T/T2/C/S/S2

55PUS7909

Ultra Slim 4K UHD LED TV powered by Android

With Ambilight 2-sided

Ultra HD meets the power of Android: the Philips 7900 series Ultra HD TV. Thanks to razor fast Quad Core processing, navigating through your Smart TV is a breeze. Ambilight plus a bezelless design further intensify your viewing experience.

Light up your life. Love it. Live it.
- Ambilight changes the way you look at TV forever

A TV that's more than Smart, it's beautiful
- Frameless design: no bezel means more TV to love
- Finishing touches: a TV that looks as great as it performs
- Ultra Slim lines for a refined profile

A picture so real, you'll forget it's TV
- 4K Ultra HD: resolution like you've never seen it before
- Pixel Precise Ultra HD: discover vivid Picture Quality
- 600Hz PMR Ultra HD for flawless moving images

Entertainment at the speed of light
- Google Play™ store—the world at your fingertips
- Twin Tuner lets you watch or record more than one program
- Smart remote lets you point, type or talk to your TV
- From apps to Cloud TV: more online entertainment than ever

ambilight 2 QuadCore

PHILIPS

Ultra Slim 4K UHD TV powered by Android™ with Ambilight 2-sided and Pixel Precise Ultra HD

139 cm (55") 4K Ultra HD LED TV, Quad Core, Twin Tuner DVB-T/T2/C/S/S2

55PUS7909/12

Highlights

Ambilight 2-sided

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by projecting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.

Frameless design

Sleek. Minimalist. Discreet. Our frameless bezel is beautifully crafted from high quality glass and edged with an ultra thin aluminum wrap; minimizing the frame and maximizing your viewing.

Authentic materials

Your home represents your style. Our designer's chose subtle, sophisticated colors and finishes and combined them with authentic, quality materials like aluminum to create a TV design that blends seamlessly with your interior.

Ultra Slim profile

Sleek. Cutting edge. Refined. Precise. The Philips Ultra Slim silhouette. That something so slim can inspire so much interest shouldn't be surprising, given how much sophistication it will bring to your décor.

4K Ultra HD Resolution

See TV like never before thanks to four times the resolution of a conventional Full HD TV. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

Pixel Precise Ultra HD

The beauty of 4K Ultra HD TV is in savoring every detail. The picture processing algorithms of our Pixel Precise Ultra HD engine convert any input picture into UHD resolution on your screen. The result? Whether you watch a video online, or native 4K Ultra HD content, you'll experience exceptional sharpness, motion, clarity, color and contrast from Philips.

600Hz PMR Ultra

Nothing beats the adrenaline rush of gaming, fast paced sporting events or action films on an Ultra HD TV. That's why this Philips TV has 600Hz Perfect Motion Rate Ultra; so you'll enjoy flawless moving images in Ultra HD resolution. Because even though your pulse may jump, the image you're watching shouldn't.

Google Play™ store

Feel like a kid in a candy store. Enjoy a delicious assortment of apps, games, and all the goodies available from the Google Play™store like the Chrome™ browser, YouTube™, Google Movies, Google Music, social network apps and more…and all on your TV Powered by Android™.

Twin Tuner

Never fight about what to watch again. With a twin tuner on your TV you can watch your favorite series and a football game—and all at the same time. Our dual recording feature lets you watch one program while recording another so, you'll always have something great to watch later.

Smart Interaction: text, point

Our totally intuitive remote control has all the usual functions like cursor keys, volume control and short cut buttons, plus added features that make communicating with your TV easier than ever. Simply touch and hold the OK key for easy navigation. The pointer operates like a mouse allowing you to point, click, and scroll onscreen. Flip the remote over and there's a full keyboard for easy text entry on the other side. Don't feel like using the keyboard? Speak into your remote and the results will appear on your TV screen. Truly a Smarter experience for you.

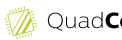
Apps, Cloud TV* & Explorer

Imagine an ever-growing Smart app portfolio on your TV. From YouTube to music, Video On Demand and more, you can customize which apps you add to your dashboard. Want more? Explore Cloud TV. With hundreds of premium international channels, it's a great way to watch your favorite shows and discover what's popular on the other side of the world. With Cloud Explorer, you can access Dropbox™ to view (and share) your favorite photos and videos on the big screen.

Ambilight 2-sided

Ambilight changes the way you look at TV forever

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider-and your viewing experience more immersive-by projecting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.



Quad Core

Quad Core for 4K Ultra HD images and super fast Smart TV

The power of multiple cores-spread over multiple processors-increases the overall speed of running applications while processing all images in real time. This provides you with vivid 4K Ultra HD picture quality regardless of the content; allowing you to enjoy the clearest images, make video calls, and chat super-fast…and all on your Ultra HD TV.

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Specifications

Ambilight
- Ambilight Version: 2 sided
- Ambilight Features: Built in Ambilight+hue, Wall colour adaptive, Gaming mode, Lounge light mode

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- 3D: Passive 3D, 2 Player Full Screen Gaming*, 2D to 3D conversion
- Aspect ratio: 16:9
- Brightness: 400 cd/m²
- Pixel engine: Pixel Precise Ultra HD
- Picture enhancement: Perfect Natural Motion, Micro Dimming Pro, 600Hz PMR Ultra, Ultra Resolution

Android
- Android OS: 4.2.2 (Jelly Bean)
- Pre-installed apps: Google Chrome browser, Google Play Movies*, Google Play Music*, Search, Voice Search, YouTube, OnLive*
- Google PlayStore apps: TV libraries, TV player
- Memory size to install apps: 1.6GB, extendable via USB Hard Drive

Smart TV
- Interactive TV: HbbTV
- SmartTV apps*: Catch-up TV, Netflix*, Online apps, Online Video stores
- Social TV: Facebook, Skype, Twitter

Smart Interaction
- Remote Control: with Keyboard, Voice*, with Pointer
- User interaction: Cloud TV* and Cloud Explorer, DropboxTM, SimplyShare, MultiRoom Client and Server, Wi-fi Miracast Certified*
- Program: Pause TV, USB Recording*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app*: Control, Simply Share, TV Guide, Wi-fi Smart Screen

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 25W (15W + 10W)
- Sound Features: Smart Stereo, Ambi wOOx, Natural Sound
- Sound Enhancement: Incredible Surround, Incredible Surround 3D, Clear Sound, Auto Volume Leveller, Dynamic Bass Enhancement, DTS premium

Connectivity
- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Integrated Wi-Fi 11n, 2x2 Dual band
- Other connections: CI+1.3 certified, Antenna IEC75, 2x Sattelite input, 2x Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Service connector
- HDMI features: 3D, 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreen, One touch play
- HDCP 2.2: Yes on HDMI1

Supported Display Resolution
- Computer inputs on all HDMI: up to 4K Ultra HD 3840x2160, @60Hz
- Video inputs on all HDMI: up to 4K Ultra HD 3840x2160p, @ 24, 25, 30, 50, 60Hz

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, 3GP
- Subtitles Formats Support: .AAS, .SMI, .SRT, .SSA, .SUB, .TXT, MKV/SRT
- Music Playback Formats: AAC, AMR, LPCM, M4A, MP3, MPEG1 L1/2, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

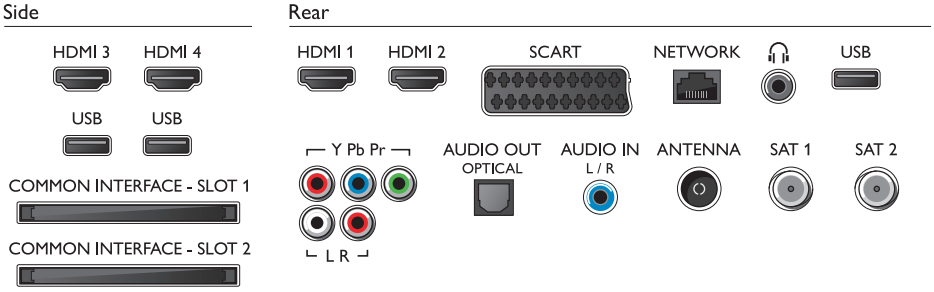
Tuner/Reception/Transmission
- Digital TV: 2x DVB-T/T2/C/S/S2, Astra HD+ support
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1200 page Hypertext

Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 99 W
- Annual energy consumption: 137 kW·h
- Standby power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Off mode power consumption: < 0.3 W
- Energy Label Class: A

Dimensions
- Box dimensions (W x H x D): 1338 x 929 x 198 mm
- Set dimensions (W x H x D): 1232 x 710 x 35 mm
- Set dimensions with stand (W x H x D): 1232 x 788 x 220 mm
- Product weight: 19.5 kg
- Product weight (+stand): 23.4 kg
- Weight incl. Packaging: 32.1 kg
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: 4x Passive 3D Glasses, Remote Control, 2 x AA Batteries, Tabletop swivel stand, Power cord, Quick start guide, Legal and safety brochure
- Optional accessories: Philips TV camera PTA317, 3D glasses PTA417, 3D glasses Game kit PTA436

Connections



* Philips TV Remote app and related functionalities varies per TV model and country, as well as smart device model and OS. For more detail, please visit: www.philips.com/TV.
* For smart TV app, visit www.philips.com/TV to discover the services offering in your country
* Cloud TV offering depends on country availability and regulations
* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* Philips TV camera (PTA317) is sold separately.
* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* EPG and actual visibility (up to 8 days) is country and operator dependent.
* (Philips) only compatible with specific Philips player device.

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Version: 2.4.1

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EAN: 87 12581 72673 7

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